

Cooling water pump for an internal combustion engine

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Abstract

The pump has a bearing housing (15) for supporting the shaft (16) of the pump wheel (4), projecting from the cover (11) for the pump housing (1) enclosing the pump space (3), with a belt disc (23) attached to the outer end of the shaft. A visco-heating device (26) is combined with the bearing housing and provided as a self-supporting unit with a working space filled with a viscous fluid containing a rotor (33) selectively coupled to the belt disc via an electromagnetic clutch (47).

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